## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	09/700463	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:13
L2	53	(planar near electron near emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:17
L3	4	(petr near viscor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:26
L4	1	(planar near electron near emitter) and "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:16
L5	1045	(electron near emitter) and "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L6	868	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L7	882	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:17
L8	557	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:18

L9	361	(electron near emitter) and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline) and (electric adj field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08
L10	42	(electron near emitter). clm. and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant) and (crystal or crystalline) and (electric adj field)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L11	17	clm. and "257"/\$.ccls. and (dope or doping or doped or impurity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L12	7	(electron near emitter). clm. and "257"/\$.ccls. and (dope or doping or doped or impurity or diffusion or dopant). clm. and (crystal or crystalline) and (electric adj field) and "313"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:19
L13	657	((field or electron) near (emission or emitter)) and "257"/\$. ccls. and "313"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:22
L14	179	((field or electron) near (emission or emitter)).clm. and "257"/\$.ccls. and "313"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:22
L15	41	((field or electron) near (emission or emitter)).clm. and "257"/\$.ccls. and 313/310.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:23

L16	46	((field or electron) near (emission or emitter)).clm. and "257"/\$.ccls. and (313/310.ccls. or 313/496.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:23
L17	4	(planar near10 (field or electron) near (emission or emitter)). clm. and "257"/\$.ccls. and (313/310.ccls. or 313/496.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:24
L18	7911	313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:28
L19	234	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and (crystal or crystalline) near2 orientation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:29
L20	188	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and (crystal or crystalline) near2 orientation and (dope or doping or doped or dopant or impurity or diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:29

L21	188	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) and (dope or doping or doped or dopant or impurity or diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30
L22	47	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) same (dope or doping or doped or dopant or impurity or diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30
L23	0	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline) near2 orientation) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:30

L27	21	(313/496.ccls. or	US-PGPUB;	OR	ON	2008/03/08
		313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.) and ((crystal or crystalline)) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular	USPAT; EPO; JPO; DERWENT; IBM_TDB			18:31
L28	141		US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/03/08

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4126806-\$ or US-					*
4667126-\$ or US-					
5148461-\$ or US-					*****
6891176-\$ or US-					*****
7042006-\$ or US-					
6590334-\$ or US-					
6479819-\$ or US-					*****
3622782-\$ or US-					
6313476-\$ or US-					
7027380-\$ or US-					
6744268-\$ or US-					
3617740-\$ or US-					*****
6384527-\$ or US-					*****
7019292-\$ or US-					******
6075323-\$ or US-					
6162707-\$ or US-					******
4107526-\$ or US-					
4933551-\$ or US-					******
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5907595-\$ or US-					
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6914374-\$ or US-					******
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6235615-\$ or US-					******
6486599-\$ or US-					******
3663840-\$ or US-					******
4727550-\$ or US-					*****
6455844-\$ or US-					
6671778-\$ or US-					
6566804-\$ or US-					
3843896-\$ or US-					*****
6843697-\$ or US-					*****
6750604-\$ or US-					******
6441559-\$ or US-					
3814968-\$ or US-					******
6465783-\$ or US-					*****
6494429-\$ or US-					*****
3894332-\$ or US-					******
6979819-\$ or US-					
3600936-\$ or US-					*****
6864624-\$ or US-					******
6855417-\$ or US-					******
6806630-\$ or US-					******
6989628-\$ or US-					******
6153986-\$).did. or					******
(US-6759654-\$ or US-					
6127774-\$ or US-					*****
6084345-\$ or US-					
5982082-\$ or US-					******
5140219-\$ or US-					******
5458520-\$ or US-					*****
	:	<b>:</b>	:	:	3

L29 73	l28 and (crystal or crystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2008/03/08 18:32
L29 73	7009344-\$ or US- 5650795-\$ or US- 5831380-\$ or US- 6040613-\$ or US- 6043519-\$ or US- 6111353-\$ or US- 6412953-\$ or US- 4806550-\$ or US- 4866550-\$ or US- 5729094-\$ or US- 5362972-\$ or US- 5489817-\$ or US- 6333516-\$ or US- 6333516-\$ or US- 6590321-\$ or US- 6617597-\$ or US- 6797597-\$ or US- 6013980-\$ or US- 6013980-\$ or US- 6013980-\$ or US- 6046542-\$ or US- 6046542-\$ or US- 6046542-\$ or US- 6794805-\$ or US- 6818941-\$ or US- 681798-\$ or US- 681798-\$ or US- 681798-\$ or US- 681795-\$).did. or (EP- 1328000-\$ or WO- 9965050-\$ or EP- 367195-\$).did. or (JP- 2003217439-\$).did. or (US-20020105262-\$ or US- 63184238-\$ or US- 20040151912-\$ or WO- 9965050-\$ or US- 20040256579-\$ or EP- 862785-\$ or JP- 11185673-\$ or JP- 11317181-\$ or JP- 2000251661-\$).did.	wus-pgpus:	OR	ON	2008/03/08

L30	37	l28 and (crystal or crystalline) and (dope or doping or doped or dopant or diffusion or impurity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:32
L31	30	l28 and (313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/F33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:32
L32	11025	313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:34
L33	21	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.) and ((crystal or crystalline) same (dope or doping or doped or dopant or impurity or diffusion) same perpendicular)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:35

L34	O	313/313.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:35
L35	1	(313/496.ccls. or 313/310.ccls. or 313/309.ccls. or 313/313.ccls. or 257/10.ccls. or 257/44. ccls. or 257/79.ccls. or 257/E33.044.ccls. or 257/E31.049.ccls. or 257/E21.004.ccls. or 258/492.24.ccls. or 369/101.ccls. or 369/121.ccls. or 361/225.ccls.) and (((crystal or crystalline) near orientation) same (dope or doping or doped or dopant or impurity or diffusion) same (direction or perpendicular))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:36

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